Item #	User Story	Priority	Estimate	Points for Velocity	Sprint	Assigned To	Status
1	As a person who has been prescribed a drug, I want to know the common reactions for a drug I have been prescribed so that I am prepared for possible complications.						
1.1	The system shall allow the user to choose a drug from a predefined list.	High	Small	1	1	Front End Web Developer	Complete
1.1.1	Define the list of drugs to be included in the drop-down.	High	Small	1	1	End User	Complete
1.1.2	End to end tests need to be created to verify the functionality of predefined list of Drugs	High	Small	1	2	Front End Web Developer	Complete
1.1.3	Apply styling from user feedback	High	Medium	5	4	Front End Web Developer	Complete
1.2	The system shall allow the user to put in the following information: Age (free-form text) Sex (radio button Male/Female) Male Female Weight (range)	Medium	Medium	5	1	Front End Web Developer	Complete
1.2.1	End to end tests needs to ensure the ranges defined in 1.2 are correct and deliver expected results	High	Medium			Front End Web Developer	No longer applicable since users didn't like the ranges
1.3	The system shall display the possible adverse events in both a tabular and graphical view.	High	Medium	5	3	Front End Web Developer	Complete
1.3.1	Show a count of the top 20 reactions for the input, ordered by largest count.	High	Medium	5	2	Front End Web Developer	Complete
1.3.2	End to end tests need to ensure the correct data is displayed for possible adverse events in both tabular and graphical views	High	Medium	5	3	Front End Web Developer	Complete
1.4	The system shall allow the user to click on a link in the tabular view to display relatve outcomes related to the reaction.	Medium	Medium	5	4	Front End Web Developer	Complete
1.4.1	End to end tests need to ensure tabular data displays expected information	Medium	Small	1	2	Front End Web Developer	Complete
1.5	The system shall allow the user to click on the reaction in the graphical view to see the outcomes related to the reaction.	High	Large	10	2	Front End Web Developer	Complete
1.6	The system shall show the following reaction outcomes: e.g. recovered, fatal, unknown, etc.	High	Medium	5	3	Front End Web Developer	Complete
1.7	The system shall display the following information about the drug for the constrained data set: - Indications - Display top 10 indications for the drug selected - Average Duration - average duration the drug was consumed before the event occurred with standard deviation - backend api.	Low	Large	10	4	Front End Web Developer, Back End Web Developer	Complete
1.8	Use PRR or ROR to scale graphical representation - only available on backend api	N/A					

Sprint 1 velocity	17
Sprint 2 velocity	22
Sprint 3 velocity	25
Sprint 4 velocity	25
Sprint 5 planned	16

#	Description	Priority	Size	Value	Order	Roles	Status
1.8.1	~~Convert FAERS data to Elastic Search Index Data~~	~~High~~	~~Large~~	~~10~~	~~1~~	~~Back End Web Developer~~	~~Complete~~
1.8.2	~~Create REST webservice~~	~~High~~	~~Medium~~	~~5~~	~~2~~	~~Front End Web Developer,Back End Web Developer~~	~~Complete~~
1.8.3	~~Implement Elastic search queries to fulfill web service~~	~~High~~	~~Large~~	~~10~~	~~3~~	~~Back End Web Developer~~	~~Complete~~
1.9	The tabular and graphical views will use the PRR/ROR data instead of the count data	N/A	Medium	5	5	Front End Web Developer	
1.10	~~Hook UI up to Pool 2 REST API~~	~~N/A~~	~~Medium~~	~~5~~	~~4~~	~~Front End Web Developer, Back End Web Developer~~	~~Complete~~
1.11	Manual testing	High	Medium	5	5	Product Manager, Interaction Designer/User Researcher/Usability Tester, Visual Designer, End Users	
1.12	Add alt-text	High	Small	1	5	Front End Web Developer	
1.13	Enable type ahead	Low	Medium	5	5	Front End Web Developer, Back End Web Developer	

BACKLOG

Adjust results based on weight or treatment
duration changes to see how results change

As a person who has been prescribed a drug, I
want to know the relative occurrence of
seriousness per drug so that I can understand the
potential problems.

As a prescription drug user, I want to be able to
find out if a new medication will have adverse
reactions to medications I'm currently taking to
help me make a decision about whether to take it.